

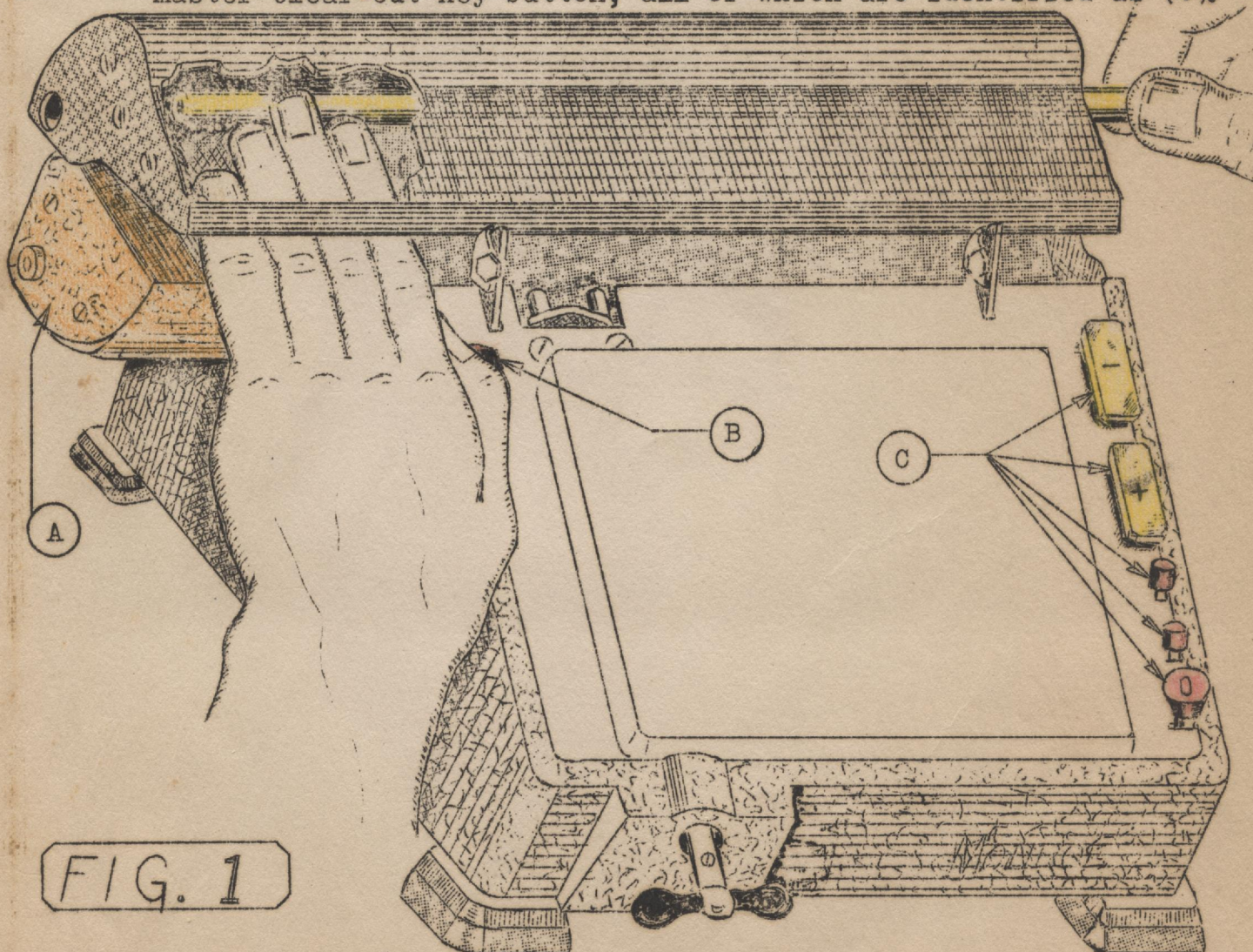
SUBJECT: LA-6 Model

DATE: December 11, 1933.

TO ALL OFFICES:

We release herewith the fourth installment of Machine Service Bulletin No. 161, Plates 29 to 37 inclusive, which illustrate and describe the method to be followed in dismantling the LA-6 model.

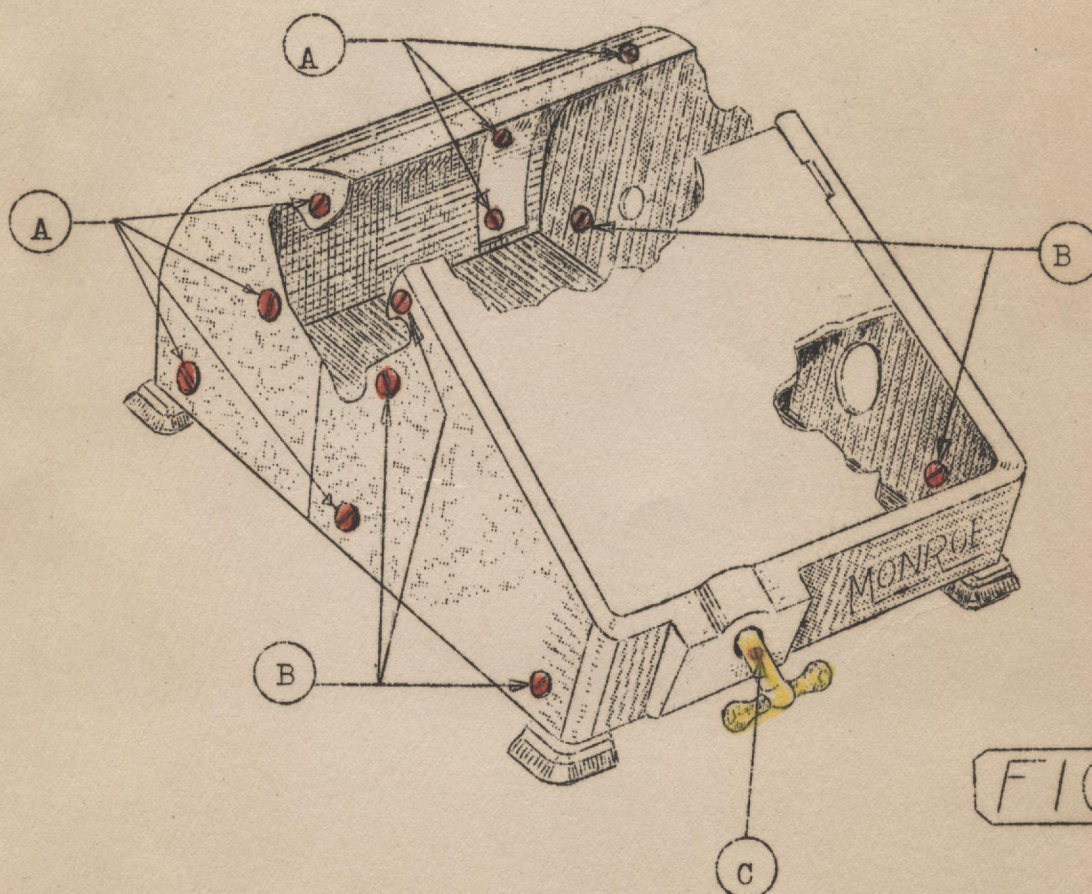
- 1 - To remove the carriage proceed in the usual manner with the exception of lifting the carriage and inserting the fingers of the left hand, as shown, to aid in the withdrawing of the hinge rod.
- 2 - Remove the division lever button (B). Remove the plus and minus bars, repeat and non-repeat key buttons together with the master clear-out key button, all of which are identified as (C).



- 3 - Remove the carry-through unit (A) as instructed on Plate 2 of Machine Service Bulletin No. 161.



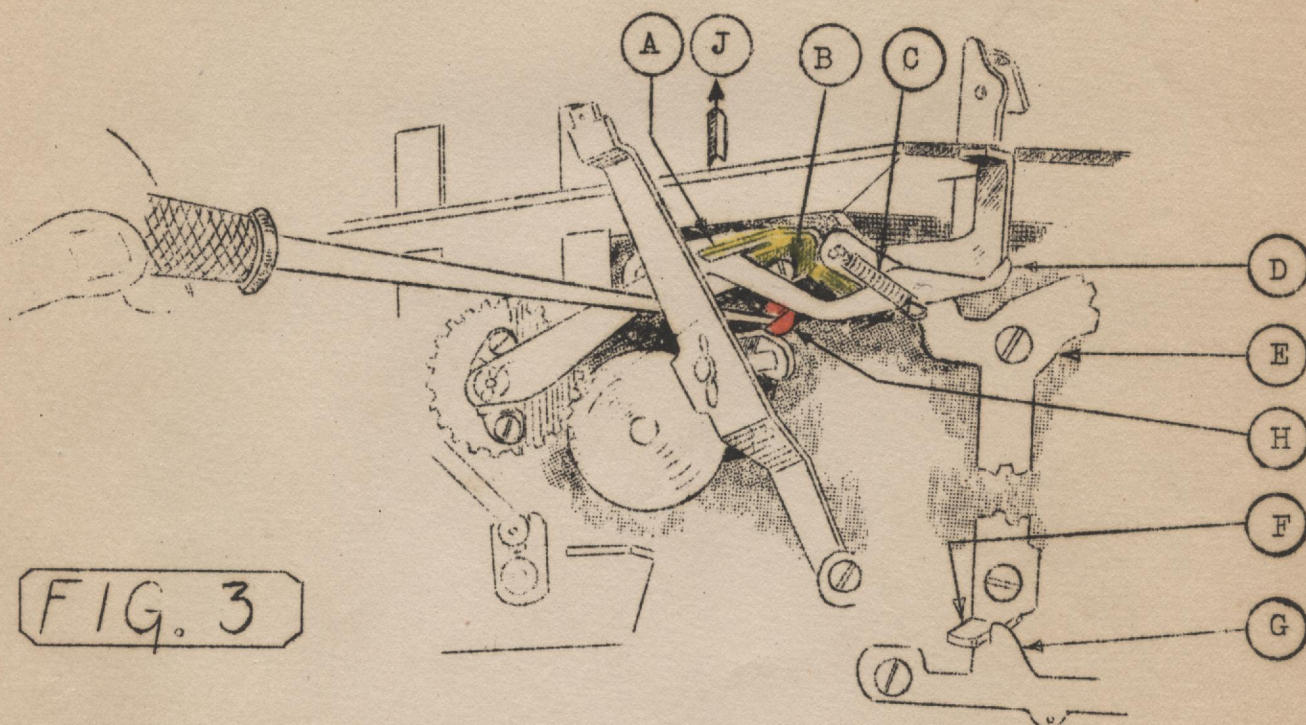
- 4 - Remove the case by removing the seven screws shown as (A). This will allow the removal of the rear section. Remove the five screws shown as (B). This will allow the removal of the remaining section after screw (C) and the shifter handle have been removed. It may be necessary to slightly spring the sides of the case outward to overcome interference.



- 5 - The procedure to be followed in removing the bottom pan and rubber feet is identical to that of the LA-5 model.



- 6 - To remove the keyboard, position the multiplication lever in neutral. Loosen screw (B) and position the guide blank (A) upward in the direction of arrow (J). Latch lug (F) on (G), as shown. This will cause (E) to raise, which in turn raises the counting finger (D) due to the action of spring (C). Insert a small screw driver, as shown, and remove screw (H).



With the division lever in neutral position, loosen stud (A) and position (B) upward as shown. Insert a small screwdriver and remove the screw from the countersunk hole (C).

The remaining two front keyboard screws can now be removed from the side frames in the usual manner.

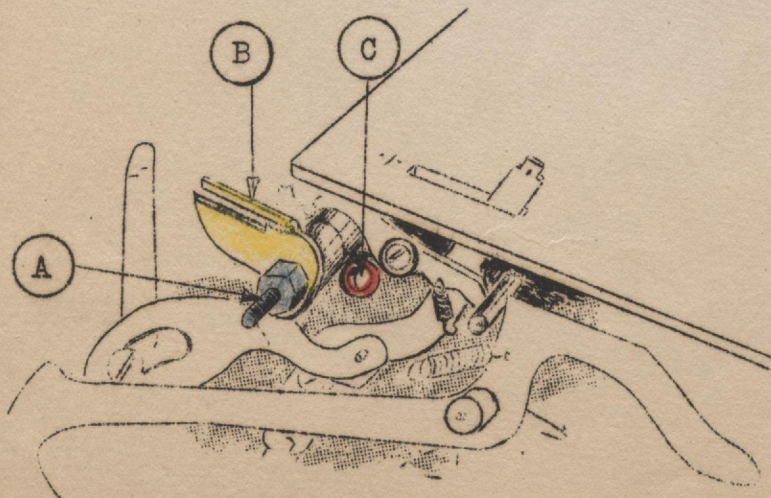
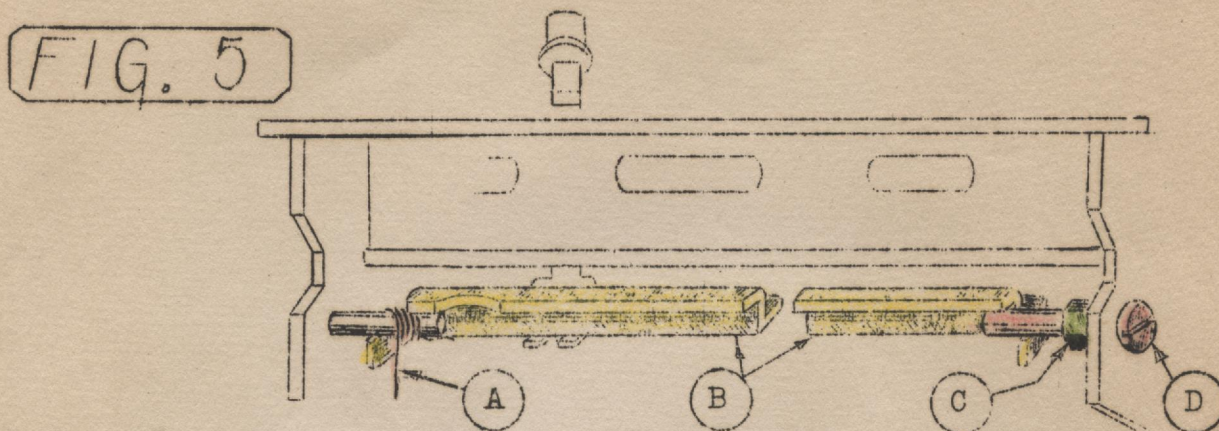


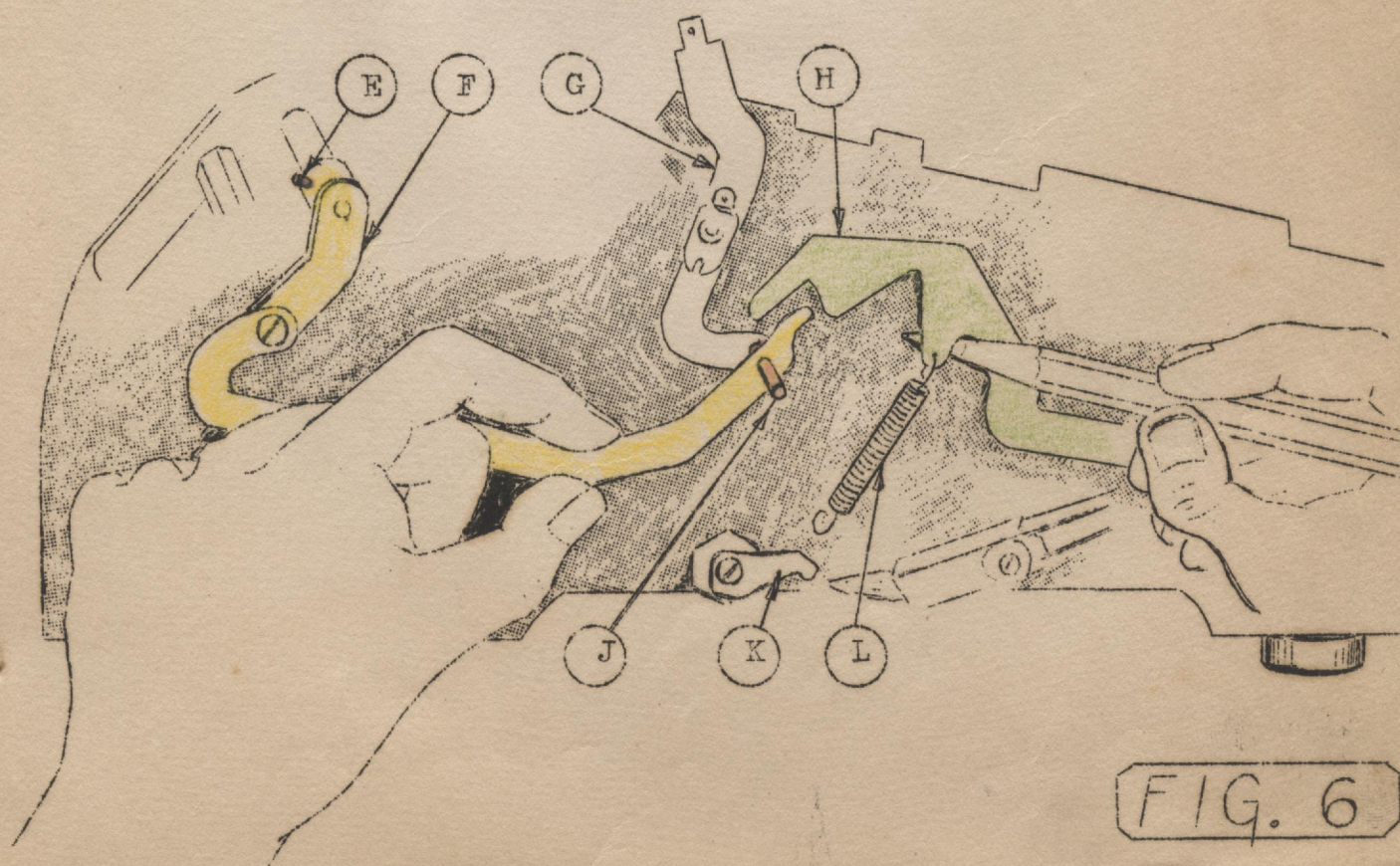
FIG. 4



- 7 - To remove the pivot bar (B), remove nut (C) and withdraw stud (D). NOTE: Do not distort or lose spring (A) when removing (B).

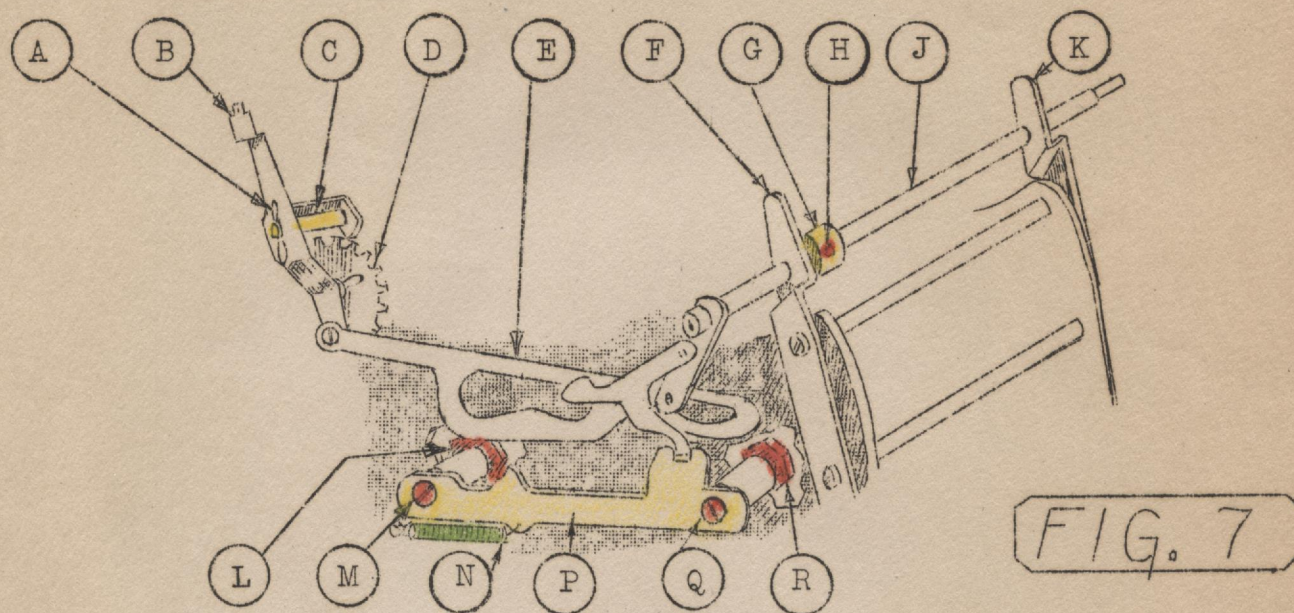


- 8 - To remove assembly (F), place the division lever (G) in operating position and remove the taper pin (E). Unhook spring (L) from hook (K). Lift the click (H) upward, as shown, and withdraw assembly (F) from stud (J).



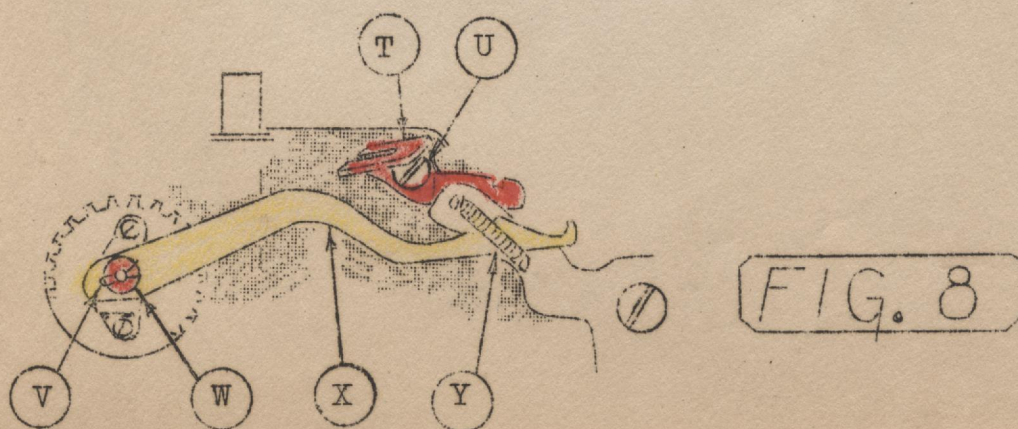


- 9 - To remove assembly (E), loosen set screw (H) in collar (G). Remove the retaining clip (A) from post (C). Remove gear (D) and withdraw the multiplication lever (B). Withdraw shaft (J) from the brackets (F) and (K).
- 10 - To remove the latch (P), unhook spring (N). Remove nuts (L) and (R) and withdraw screws (M) and (Q).



- 11 - To remove the counting finger (X), remove the retaining clip (V) together with washer (W), and unhook spring (Y).

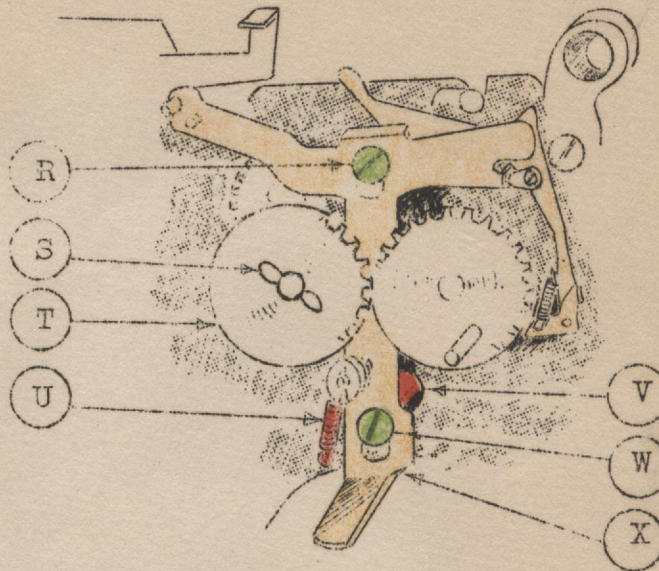
- 12 - Remove screw (U) and remove blank (T).



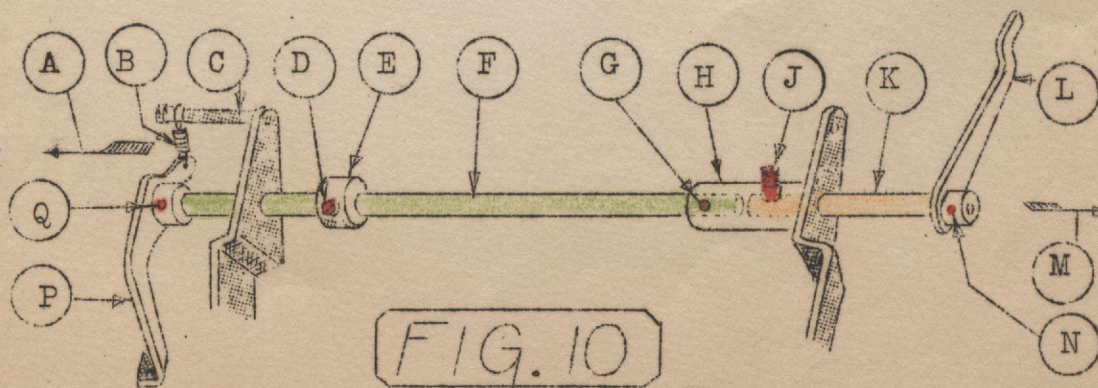


- 13 - To remove assembly (X), unhook spring (U) and remove the retaining clip (S) together with the gear (T). Remove screws (R) and (W) together with the two spacers, one of which is shown as (V).

FIG. 9



- 14 - To remove shaft (F), unhook spring (B) from stud (C). Loosen set screw (D) in collar (E). Remove the taper pin (G) from collar (H) and withdraw the shaft in the direction of arrow (A). To remove shaft (K) loosen set screw (J) and withdraw the shaft in the direction of arrow (M). To remove arms (L) or (P) from their shafts, drive out the taper pins (N) and (Q).





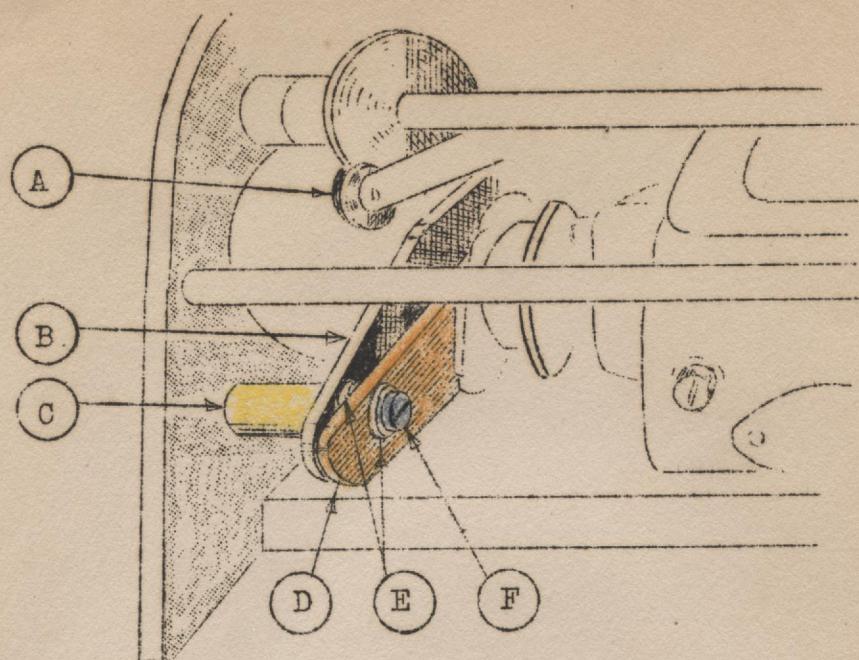


FIG. 11

- 15 - To remove the locating arm (A) and brackets (B) and (D), remove screw (F), being careful not to lose the bakelite washers (E). Also remove screw (G) from the side frame as shown below. Position bracket (D) in the direction of arrow (J) and remove the wire screw (H). See Figure 12.

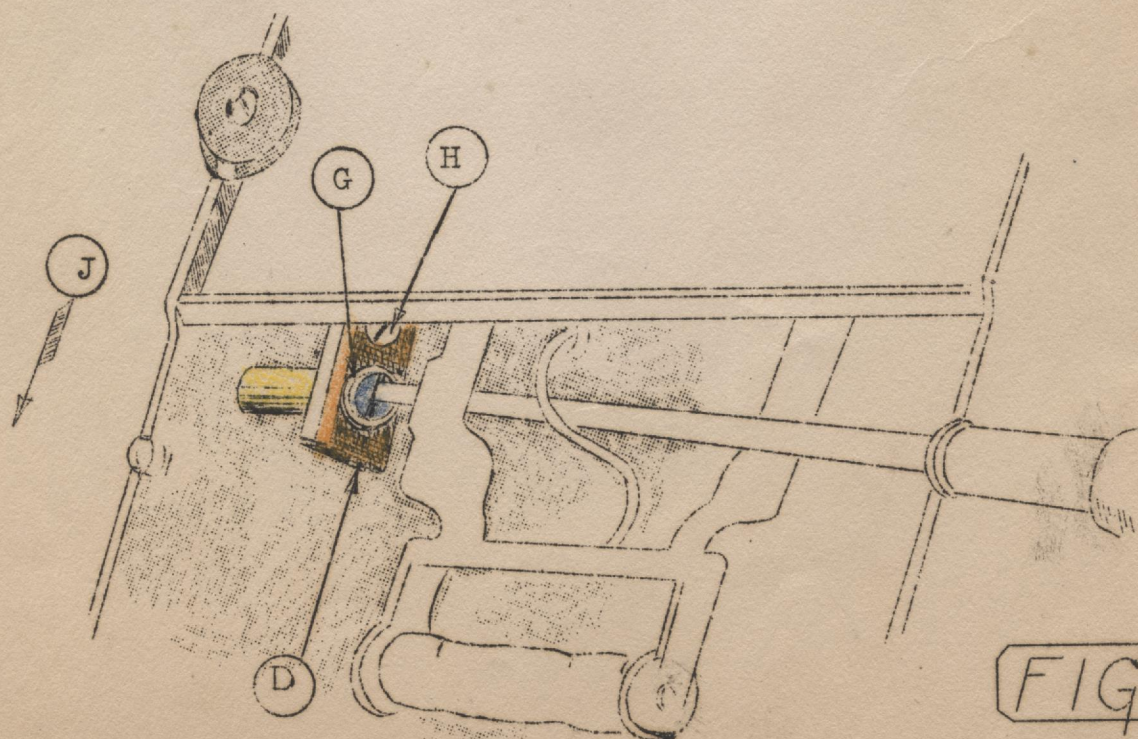
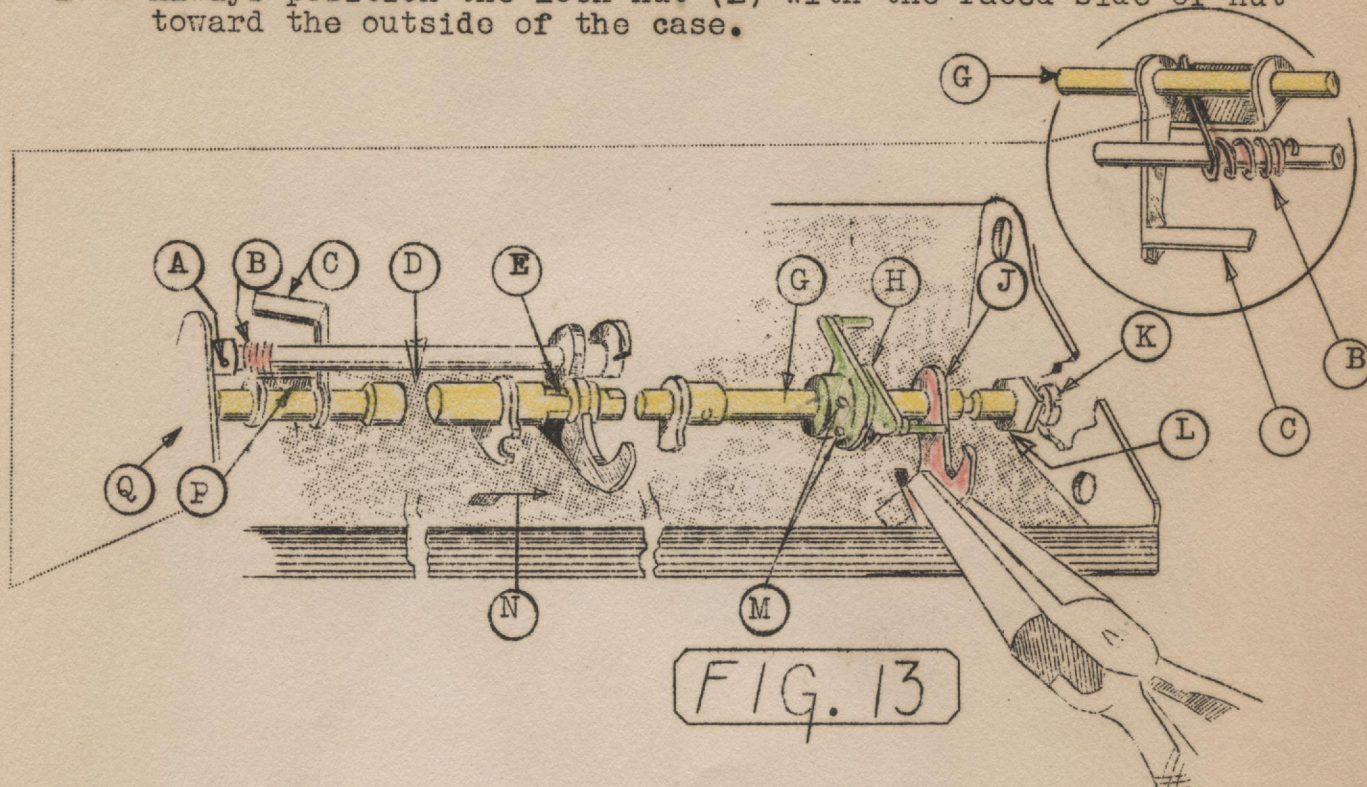


FIG. 12



16 - To remove the trip rod shaft (G), loosen screws (M). Loosen the lock nut (L) and remove the bushing (K). Due to the clearance recess (E) the trip rod shaft (G) can now be moved slightly in the direction of arrow (N) and lifted upward at (D). In doing so, wobble the key (J) with kit tool #14 to allow the key (J) to ride in the keyway of the shaft (G), otherwise it will be impossible to move shaft (G).

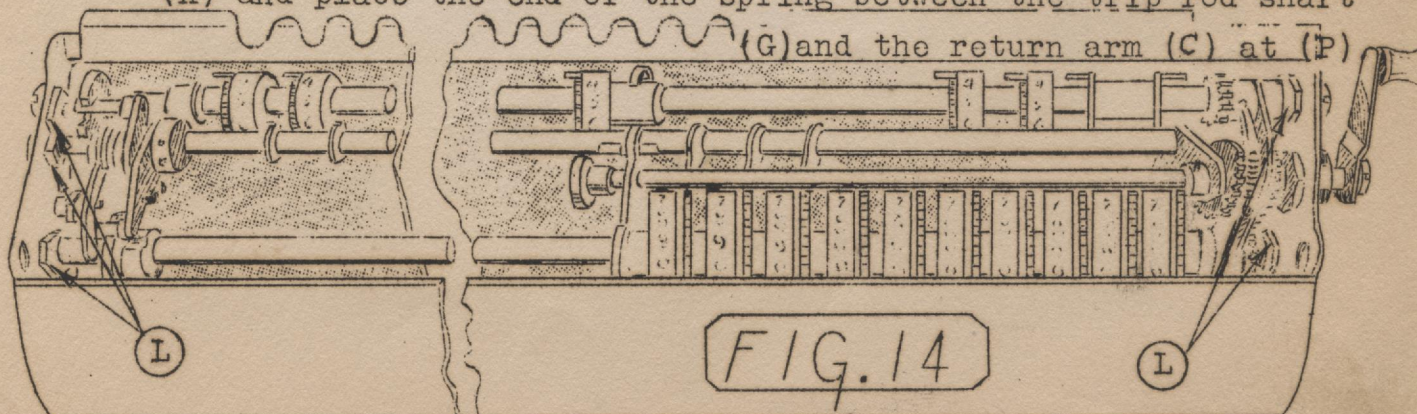
17 - Always position the lock nut (L) with the faced side of nut toward the outside of the case.



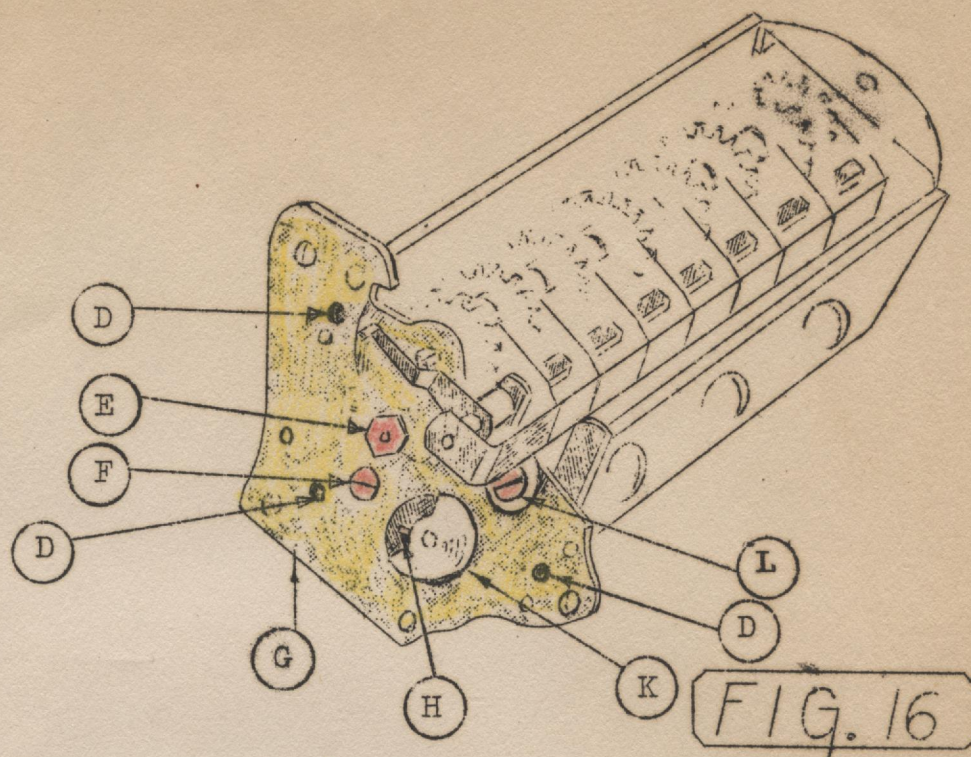
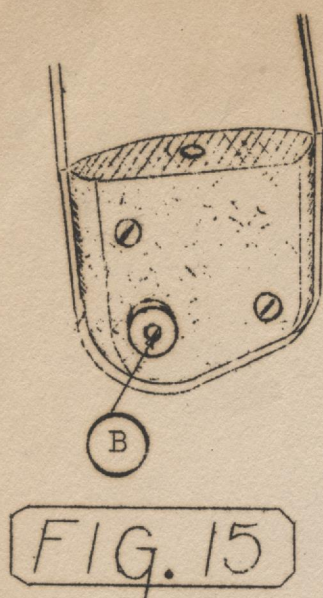
18 - When lifting out or putting in the trip rod shaft, always turn the shaft so that the recess fits in the brace.

19 - To remove the upper dial shaft it is necessary to remove the lower dial shaft, the carriage lift cam shaft, the clear-out gears and the trip rod shaft.

20 - When removing the lift cam shaft, remove spring (B). When assembling, place spring (B) on the shaft before inserting pin (A) and place the end of the spring between the trip rod shaft (G) and the return arm (C) at (P).







- 21 - Remove screws (D).
- 22 - Remove pin (H) from (K). Withdraw plate (G) together with the attached mechanism.
- 23 - Withdraw shaft (B) from the bearing of end plate (G) and pull downward to free from brake spring (P).
- 24 - By removing screws (F) and (L) together with nut (E), the end plate (G) can be removed which permits the complete dismantling of the remainder of the unit. When this is required the only precaution necessary is to lay these parts aside in the order of their removal so that they may be reassembled in their original locations.

